

# William Svoboda

Software Engineer

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## Education

### Princeton University

**A.B. in Computer Science** (3.36 GPA)

Coursework in Object Oriented Software Development, Advanced Programming Techniques, and Database Systems

PRINCETON, NEW JERSEY

*Expected May 2022*

### University of Melbourne

**Study Abroad** (3.85 Semester GPA)

MELBOURNE, AUSTRALIA

*Spring 2020*

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## Experience

### LitView

**Founding Engineer**

- Engineered novel research platform ([litview.co](https://litview.co)) using React and Flask
- Utilized scrum workflow to ensure continuous development
- Collaborated with executive, design, and legal teams to realize company vision

REMOTE

*June '20 – July '21*

### Princeton Summer Programming Experience

**Summer Intern**

- Designed and developed a substantive application using the Unity game engine
- Presented project as part of program capstone

PRINCETON, NEW JERSEY

*June '19 – July '19*

*A complete list of work experience is available at [linkedin.com/in/williamsvoboda](https://linkedin.com/in/williamsvoboda).*

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## Projects

### “Teaching Graph Traversal Visually”

- Designed assignment in Python to teach search algorithms
- Developed interactive visualizer and autograder
- Evaluated project with real students as part of spring independent work

*Spring '21*

### Course Websites

- Created website framework for Princeton classes using the [Eleventy](https://eleventy.org) static site generator
- Directed team of three students using Agile project management

*Spring '21*

### “Improving the Marching Cubes Algorithm”

- Extended the marching cubes algorithm to real-time terrain deformation
- Compiled a significant written report as part of fall independent work

*Fall '20*

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## Awards

### Army ROTC Scholarship

- Competitive four-year scholarship awarded for merit and grades

*Fall '18*

### Eagle Scout Award

- Awarded for extensive service project in local community

*Fall '15*

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## Skills

**Programming Languages:** Java, Python, JavaScript, HTML/CSS, R, SQL, C#

**Frameworks & Tools:** Flask, React, Git, Unix utilities

**Natural Languages:** English (*Native*), Spanish (*Proficient*), French (*Elementary Proficiency*)